

2018 Current Fiscal Year Report: Advisory Committee for Engineering

Report Run Date: 06/06/2019 12:00:56 AM

1. Department or Agency

National Science Foundation

2. Fiscal Year

2018

3. Committee or Subcommittee

Advisory Committee for Engineering

3b. GSA Committee No.

1170

4. Is this New During Fiscal Year?

No

5. Current Charter

06/30/2017

6. Expected Renewal Date

06/30/2019

7. Expected Term Date

8a. Was Terminated During Fiscal Year?

No

8b. Specific Termination Authority

8c. Actual Term Date

9. Agency Recommendation for Next Fiscal Year

Continue

10a. Legislation Req to Terminate?

No

10b. Legislation Pending?

Not Applicable

11. Establishment Authority Agency Authority

12. Specific Establishment Authority

ADM IV-100

13. Effective Date

03/30/1984

14. Committee Type

Continuing

14c. Presidential?

No

15. Description of Committee Scientific Technical Program Advisory Board

16a. Total Number of Reports

No Reports for this Fiscal Year

17a. Open 2 Meetings and Dates 17b. Closed 0 17c. Partially Closed 0 Other Activities 0 17d. Total 2

Purpose	Start	End
To provide advice and recommendations on policies, programs, activities, and long-range planning.	10/24/2017	10/25/2017
To provide advice and recommendations on policies, programs, activities, and long-range planning.	04/17/2018	04/18/2018

Number of Committee Meetings Listed: 2

	Current FY	Next FY
18a(1). Personnel Pmts to Non-Federal Members	\$32,880.00	\$32,000.00
18a(2). Personnel Pmts to Federal Members	\$0.00	\$0.00
18a(3). Personnel Pmts to Federal Staff	\$76,827.96	\$76,000.00
18a(4). Personnel Pmts to Non-Member Consultants	\$313.50	\$500.00
18b(1). Travel and Per Diem to Non-Federal Members	\$10,066.17	\$10,000.00
18b(2). Travel and Per Diem to Federal Members	\$0.00	\$0.00
18b(3). Travel and Per Diem to Federal Staff	\$0.00	\$0.00
18b(4). Travel and Per Diem to Non-member Consultants	\$208.53	\$500.00
18c. Other(rents,user charges, graphics, printing, mail, etc.)	\$61,936.82	\$50,000.00
18d. Total	\$182,232.98	\$169,000.00

19. Federal Staff Support Years (FTE)

0.40

0.40

20a. How does the Committee accomplish its purpose?

The Advisory Committee Meeting is organized and facilitated on topics in two specific areas: COV and general advice. The Advisory Committee receives COV reports in advance of the meeting, discusses the reports at the meeting, recommends adjustments, and approves the report. General advice and information is provided on a variety of topics including Director's special issues, NSF and ENG budgets, ENG Programs, and NSF initiatives.

20b. How does the Committee balance its membership?

An effort is made to select members who are senior engineering leaders in academe, industry, government and includes members of different geographic regions and underrepresented minorities.

20c. How frequent and relevant are the Committee Meetings?

The full committee meets twice annually with COV meetings held in accordance with a planned schedule. Each meeting is focused on major issues of interest to the Directorate and the engineering community.

20d. Why can't the advice or information this committee provides be obtained elsewhere?

The programs and policies of the NSF Engineering Directorate are very specific and the Advisory Committee membership is constituted to provide informed advice on these programs.

20e. Why is it necessary to close and/or partially closed committee meetings?

These meetings are open.

21. Remarks

None

Designated Federal Officer

Dawn Tilbury Assistant Director for the Directorate for Engineering

Committee Members	Start	End	Occupation	Member Designation
Agerwala, Tilak	10/01/2016	04/30/2019	TKMA Consulting, LLC	Special Government Employee (SGE) Member
Alvarez, Pedro	04/01/2016	10/31/2018	Rice University	Special Government Employee (SGE) Member
Barabino, Gilda	10/01/2015	04/30/2021	City College New York	Special Government Employee (SGE) Member
Butts, Susan	10/01/2015	04/30/2018	Chemistry	Special Government Employee (SGE) Member
Carlson, Curtis	10/01/2013	04/30/2019	Practice of Innovation	Special Government Employee (SGE) Member
Desroches, Reginald	10/01/2015	04/30/2018	Georgia Institute of Technology	Special Government Employee (SGE) Member
Haj-Hariri, Hossein	10/01/2016	04/30/2019	University of South Carolina	Special Government Employee (SGE) Member

Jameison, Leah	10/01/2017	04/30/2020	Computer Science and Engineering	Special Government Employee (SGE) Member
Lutchen, Kenneth	10/01/2016	04/30/2019	Boston University	Special Government Employee (SGE) Member
Martin-Vega, Louis	10/01/2014	10/31/2017	North Carolina State University	Special Government Employee (SGE) Member
Pines, Darryll	10/01/2016	04/30/2019	University of Maryland	Special Government Employee (SGE) Member
Rajala, Sarah	10/01/2016	04/30/2019	Iowa State University	Special Government Employee (SGE) Member
Savitz, Maxine	10/01/2017	04/30/2020	Engineering	Special Government Employee (SGE) Member
Skalak, Thomas	10/01/2016	04/30/2018	Engineer	Special Government Employee (SGE) Member
Yortsos, Yannis	10/01/2017	04/30/2020	University of Southern California	Special Government Employee (SGE) Member

Number of Committee Members Listed: 15

Narrative Description

The ENG Advisory Committee is organized and facilitated on topics in two specific areas: COV and general advice. The Advisory Committee receives COV reports in advance of the meeting, discusses the reports at the meeting, recommends adjustments, and approves the report. General advice and information is provided on a variety of topics including the Director's special issues, NSF and ENG budgets, ENG Programs, and NSF initiatives.

What are the most significant program outcomes associated with this committee?

Checked if Applies

Improvements to health or safety	<input type="checkbox"/>
Trust in government	<input checked="" type="checkbox"/>
Major policy changes	<input type="checkbox"/>
Advance in scientific research	<input checked="" type="checkbox"/>
Effective grant making	<input checked="" type="checkbox"/>
Improved service delivery	<input type="checkbox"/>
Increased customer satisfaction	<input checked="" type="checkbox"/>
Implementation of laws or regulatory requirements	<input type="checkbox"/>
Other	<input type="checkbox"/>

Outcome Comments

n/a

What are the cost savings associated with this committee?

Checked if Applies

None	<input type="checkbox"/>
Unable to Determine	<input checked="" type="checkbox"/>
Under \$100,000	<input type="checkbox"/>
\$100,000 - \$500,000	<input type="checkbox"/>
\$500,001 - \$1,000,000	<input type="checkbox"/>
\$1,000,001 - \$5,000,000	<input type="checkbox"/>

\$5,000,001 - \$10,000,000

Over \$10,000,000

Cost Savings Other

☐☐☐

Cost Savings Comments

NA

What is the approximate Number of recommendations produced by this committee for the life of the committee?

60

Number of Recommendations Comments

The number of recommendations is calculated using the standard 3-year membership factor. As such, we calculate 2 meetings per year, multiplied by 5 recommendations per meeting, for a total of 60 recommendations as of FY 2018.

What is the approximate Percentage of these recommendations that have been or will be Fully implemented by the agency?

80%

% of Recommendations Fully Implemented Comments

NA

What is the approximate Percentage of these recommendations that have been or will be Partially implemented by the agency?

10%

% of Recommendations Partially Implemented Comments

Not Applicable

Does the agency provide the committee with feedback regarding actions taken to implement recommendations or advice offered?

Yes ☒ No ☐ Not Applicable ☐

Agency Feedback Comments

NA

What other actions has the agency taken as a result of the committee's advice or recommendation?

	Checked if Applies
Reorganized Priorities	<input checked="" type="checkbox"/>
Reallocated resources	<input checked="" type="checkbox"/>
Issued new regulation	<input type="checkbox"/>
Proposed legislation	<input type="checkbox"/>
Approved grants or other payments	<input type="checkbox"/>
Other	<input type="checkbox"/>

Action Comments

NA

Is the Committee engaged in the review of applications for grants?

No

Grant Review Comments

NA

How is access provided to the information for the Committee's documentation?

	Checked if Applies
Contact DFO	<input checked="" type="checkbox"/>
Online Agency Web Site	<input checked="" type="checkbox"/>
Online Committee Web Site	<input type="checkbox"/>
Online GSA FACA Web Site	<input type="checkbox"/>
Publications	<input checked="" type="checkbox"/>
Other	<input type="checkbox"/>

Access Comments

N/A